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Claims

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Claim 36 (Withdrawn) A method for translating and validating a first product description document, including a Bill of Material or an Approved Manufacturer List; with an item identifier, including a part number or a supplier name or a supplier nickname; from a first set of item identifiers to a second product description document for a first site with an item identifier from a second set wherein the method provides:

a catalog that

provides a translation of the item identifier from the first set to an item identifier from a third set and

provides for the first site, a translation of the item identifier from the third set to the item identifier from the second set;

a first step using the catalog to translate the first product description document with the item identifier from the first set to a third product description document with the item identifier from the third set;

a second step using the catalog to translate the third product description document with the item identifier from the third set to a second product description document with the item identifier from the second set.

Claim 37 (Withdrawn) The method of Claim 36, wherein the catalog further provides for a second site, a translation of the item identifier from the third set to an item identifier from a fourth set; and

the method further provides a third step using the catalog to translate the third product description document with the item identifier from the third set to a fourth product description document with the item identifier from the fourth set.

Claim 38 (Withdrawn) The method of Claim 36, wherein the first product description

document with an item identifier not in the catalog as from the first set and determined to be a valid item identifier from the first set and the catalog is

augmented with a translation of the item identifier as from the first set to a new, unique item identifier from the third set.

Claim 39 (Withdrawn) The method of Claim 36, wherein the first product description documents with an item identifier not in the catalog as from the first set and determined not to be a valid item identifier from the first set but determined to be an erroneous representation of a valid item identifier from the first set and the catalog is augmented with a translation of the erroneous item identifier as from the first set to the item identifier from the third set that is also translated from the valid item identifier from the first set.

Claim 40 (Withdrawn) The method of Claim 36, wherein the third product description documents with an item identifier from the third set and not translated to an item identifier from the second set and the catalog is augmented with a translation of the item identifier from the third set to a new, unique item identifier from the second set.

Claim 41 (Withdrawn) The method of Claim 36, wherein a process is performed on the first product description document with an item identifier from the first set, a copy of the item identifier from the first set is stored and the process is performed on a fifth product description document with the item identifier from the first set if the item identifier from the first set is different from the stored copy and the process is not performed if the item identifier from the first set matches the stored copy.

Claim 42 (Withdrawn) The method of Claim 36, wherein the catalog provides a translation of an item identifier from the first set to a commodity item identifier where the first product description document with the item identifier from the first set is translated to a third product description document with the commodity item identifier.

Claim 43 (Amended) A ~~system method with a first catalog and a second catalog to translate map and~~ validate a first product description document, including Bills of Material or Approved Manufacturer List (AML); with an a first item identifier from a first set of item identifiers, including part numbers or supplier names or supplier nicknames; to a second product description document with an a second

item identifier from a second set for a first site where the method comprises:
the a first catalog that provides a translation mapping of the first item identifier
from and an identifier for the first set to a third item identifier from a third set;
a second catalog that provides a mapping of the third item identifier and a first
site identifier to the second item identifier from the second set;
and the method further comprises the steps:
using the first catalog, ~~the first product description document with the first item~~
identifier in the first product description document from and an identifier for the
first set isare translated mapped to the third item identifier to produce a third
product description document with the third item identifier from the third set;
an item identifier in the first product description document that cannot be mapped
using the first catalog must be validated and corrected externally to produce the
third product description;
~~the second catalog provides for the first site, a translation of the item identifier~~
~~from the third set to the item identifier from the second set;~~
using the second catalog, the third item identifier in the third product description
document with and a first site identifier the item identifier from the third set isare
translated mapped to the second item identifier to the produce a second product
description with the second item identifier from the second set for the first site
where the second product description can be printed, sent to a display, saved as
a file, or used in subsequent information processing steps.

Claim 44 (Amended) The system method of Claim 43, wherein the second
catalog further provides ~~for a second site, a translation mapping of the third item~~
~~identifier from the third set and a second site identifier to an a fourth item~~
identifier from a fourth set; and the method further provides:
using the second catalog, the third item identifier in the third product description
document and the second site identifier with the item identifier from the third set
is translatedare mapped to the fourth item identifier to produce a fourth product
description document with the fourth item identifier from the fourth set.

Claim 45 (Amended) The system method of Claim 43, wherein a fifth item
identifier in the first product description document and an identifier for the first set

~~s-with~~ is an item identifier not in the first catalog as from the first set and
determined to be a valid item identifier from the first set- the method further
provides and augmenting the first catalog ~~is augmented with a translation~~
mapping of the fifth item identifier ~~as from the first set to a new, unique~~ sixth item
identifier from the third set.

Claim 46 (Amended) The ~~system-method~~ of Claim 43, wherein a seventh item
identifier in the first product description documents with and an identifier for the
first set is ~~an item identifier not in the first catalog as from the first set and~~
~~determined not to be a valid item identifier from the first set but determined to be~~
~~an erroneous representation or alternate representation of a valid~~ the first item
identifier ~~from the first and~~ the method further provides augmenting the first
catalog ~~is augmented with a translation mapping of the erroneous seventh~~ item
identifier ~~as from the first set to the third~~ item identifier ~~from the third set that is~~
~~also translated from the valid item identifier from the first set.~~

Claim 47 (Amended) The ~~system-method~~ of Claim 43, wherein an eighth item
identifier from the third set in the third product description documents with and a
first site identifier ~~an item identifier from the third set and are not mapped to an~~
item identifier from the second set and the method further provides augmenting
the second catalog is augmented with a translation mapping of the eighth item
identifier ~~from the third set to a new, unique~~ ninth item identifier from the second
set.

Claim 48 (Amended) The ~~system-method~~ of Claim 43, wherein a process is
performed on the first product description document with ~~an~~ the first item
identifier ~~from the first set, a copy of the first~~ item identifier ~~from the first set is~~
stored and the process is performed on a fifth product description document with
the first item identifier only when ~~from the first set if the first~~ item identifier in the
fifth product description document from the first set is different from the stored
copy ~~and the process is not performed if the item identifier from the first set~~
~~matches the stored copy.~~

Claim 49 (Amended) The method of Claim 43, wherein the first catalog provides
a translation many to one mapping of an a tenth item identifier ~~from and identifier~~

for the first set and an eleventh item identifier and identifier for a fifth set to a twelfth item identifier from a set of commodity item identifiers, a subset of the third set; where such that the first product description document with the tenth item identifier from the first set and identifier for the first set is translated mapped to the twelfth item identifier in the third product description document with the commodity item identifier and a sixth product description document with the eleventh item identifier and identifier for the fifth set is mapped to the twelfth item identifier in to an third-seventh product description document with the commodity item identifier.

Claim 50 (Withdrawn) A two step method of translating and validating a first product description document, including a Bill of Material or an Approved Manufacturer List; with an item identifier, including a part number or a supplier name or supplier nickname; from a first set of item identifiers to a second product description document for a first site with an item identifier from a second set wherein the method provides:

a first catalog that provides a translation of the item identifier from the first set to an item identifier from a third set;

a first step using the first catalog to translate the first product description document with the item identifier from the first set to a third product description document with the item identifier from the third set;

a second catalog that provides for the first site, a translation of the item identifier from the third set to the item identifier from the second set;

a second step using the second catalog to translate the third product description document with the item identifier from the third set to a second product description document with the item identifier from the second set.

Claim 51 (Withdrawn) The method of Claim 50, wherein the second catalog further provides for a second site, a translation of the item identifier from the third set to an item identifier from a fourth set; and

the method further provides a third step using the second catalog to translate the third product description document with the item identifier from the third set to a fourth product description document with the item identifier from the fourth set.

Claim 52 (Withdrawn) The method of Claim 50, wherein the first product description documents with an item identifier not in the first catalog as from the first set and determined to be a valid item identifier from the first set and the first catalog is augmented with a translation of the item identifier as from the first set to a new, unique item identifier from the third set.

Claim 53 (Withdrawn) The method of Claim 50, wherein the first product description documents with an item identifier not in the first catalog as from the first set and determined not to be a valid item identifier from the first set but determined to be an erroneous representation of a valid item identifier from the first set and the first catalog is augmented with a translation of the erroneous item identifier as from the first set to the item identifier from the third set that is also translated from the valid item identifier from the first set.

Claim 54 (Withdrawn) The method of Claim 50, wherein the third product description documents with an item identifier from the third set and not translated to an item identifier from the second set and the second catalog is augmented with a translation of the item identifier from the third set to a new, unique item identifier from the second set.

Claim 55 (Withdrawn) The method of Claim 50, wherein a process is performed on the first product description document with an item identifier from the first set, a copy of the item identifier from the first set is stored and the process is performed on a fifth product description document with the item identifier from the first set if the item identifier from the first set is different from the stored copy and the process is not performed if the item identifier from the first set matches the stored copy.

Claim 56 (New) The method of Claim 43, wherein the first catalog further provides mapping of a thirteenth item identifier and an identifier for a fifth set to fourteenth item identifier from the third set and the method further provides: using the first catalog, the thirteenth item identifier in an eighth product description document and an identifier for the fifth set are mapped to the fourteenth item identifier to produce a ninth product description document with fourteenth item identifier from the third set.

Claim 57 (New) The method of Claim 43, wherein a fifteenth item identifier from the first set with a first AML (that identifies the supplier and supplier part number to purchase the fifteenth item) in the first product description document and the fifteenth item identifier with a second AML in a tenth product description document, where the first AML differs from the second AML; and the method further provides augmenting the first catalog such that the fifteenth item identifier with the first AML and the identifier for the first set maps to a sixteenth item identifier from the third set and the fifteenth item identifier with the second AML and the identifier for the first set maps to an seventeenth item identifier from the third set.

Claim 58 (New) The method of Claim 43, wherein the second product description document is transferred from the first site to a second site with a fourth set by augmenting the second catalog with mapping of the item identifiers from the third set and second site identifier to item identifiers from the fourth set such that the item identifiers from the third set in the third product description document are mapped to item identifiers from the fourth set to produce an eleventh product description document for the second site.

Claim 59 (New) A method to map, validate, and correct a first product description document, including Bills of Material or Approved Manufacturer List (AML); with a first item identifier from a first set, including part numbers or supplier names or supplier nicknames; to a second product description document with a second item identifier from a second set for a first site where the method comprises:

a first catalog that provides a mapping of the first item identifier and an identifier for the first set to a third item identifier from a third set;

a second catalog that provides a mapping of the third item identifier and a first site identifier to the second item identifier from the second set;

and the method further comprises the steps:

using the first catalog, the first item identifier in the first product description document and an identifier for the first set are mapped to the third item identifier

to produce a third product description document with the third item identifier from the third set;

an item identifier in the first product description document that cannot be mapped using the first catalog must be validated and corrected externally to produce the third product description;

an item identifier from the first set, which has been validated and not in the first catalog, and the identifier for the first set are added to the first catalog and mapped to a new, unique item identifier from the third set;

an item identifier from the first set, which has been determined to be an erroneous or alternate representation of a valid item identifier in the first catalog, and the identifier for the first set are added to the first catalog and mapped to the item identifier from the third set to which the valid item identifier is mapped;

using the second catalog, the third item identifier in the third product description document and a first site identifier are mapped to the second item identifier to produce a second product description with the second item identifier from the second set for the first site where the second product description can be printed, sent to a display, saved as a file, or used in subsequent information processing steps.

Claim 60 (New) The method of Claim 59, wherein the second catalog further provides a mapping of the third item identifier and a second site identifier to a fourth item identifier from a fourth set; and the method further provides:

using the second catalog, the third item identifier in the third product description document and the second site identifier are mapped to the fourth item identifier to produce a fourth product description document with the fourth item identifier from the fourth set.

Claim 61 (New) The method of Claim 59, wherein an fifth item identifier from the third set in the third product description document and a first site identifier are not mapped to an item identifier from the second set and the method further provides augmenting the second catalog with a mapping of the fifth item identifier to a new, unique sixth item identifier from the second set.

Claim 62 (New) The method of Claim 59, wherein the first catalog provides a many to one mapping of a seventh item identifier and identifier for the first set and an eighth item identifier and identifier for a fifth set to a ninth item identifier from a set of commodity item identifiers, a subset of the third set; such that the first product description document with the seventh item identifier and identifier for the first set are mapped to the ninth item identifier in the third product description document with the commodity item identifier and a sixth product description document with the eleventh item identifier and identifier for the fifth set is mapped to the twelfth item identifier in an seventh product description document with the commodity item identifier.

Claim 63 (New) The method of Claim 59, wherein the first catalog further provides mapping of a tenth item identifier and an identifier for a fifth set to an eleventh item identifier from the third set and the method further provides: using the first catalog, the tenth item identifier in an eighth product description document and an identifier for the fifth set are mapped to the eleventh item identifier to produce a ninth product description document with eleventh item identifier from the third set.

Claim 64 (New) A method to map and validate a first product description document, including Bills of Material or Approved Manufacturer List (AML); with a first item identifier from a first set, including part numbers or supplier names or supplier nicknames; to a second product description document with a second item identifier from a second set for a first site where the method comprises: a first catalog that provides a mapping of the first item identifier and an identifier for the first set to a third item identifier from a third set; a second catalog that provides a mapping of the third item identifier and a first site identifier to the second item identifier from the second set; and the method further comprises the steps: using the first catalog, the first item identifier in the first product description document and an identifier for the first set are mapped to the third item identifier to produce a third product description document with the third item identifier from the third set;

using the second catalog, the third item identifier in the third product description document and a first site identifier are mapped to the second item identifier to produce a second product description with the second item identifier from the second set for the first site where the second product description can be printed, sent to a display, saved as a file, or used in subsequent information processing steps.

Claim 65 (New) The method of Claim 64 wherein an item identifier in the first product description document that cannot be mapped using the first catalog must be validated and corrected externally to produce the third product description.

Claim 66 (New) The method of Claim 64 wherein an item identifier from the first set, which has been validated and not in the first catalog, and the identifier for the first set are added to the first catalog and mapped to a new, unique item identifier from the third set.

Claim 67 (New) The method of Claim 64 wherein an item identifier from the first set, which has been determined to be an erroneous or alternate representation of a valid item identifier in the first catalog, and the identifier for the first set are added to the first catalog and mapped to the item identifier from the third set to which the valid item identifier is mapped.